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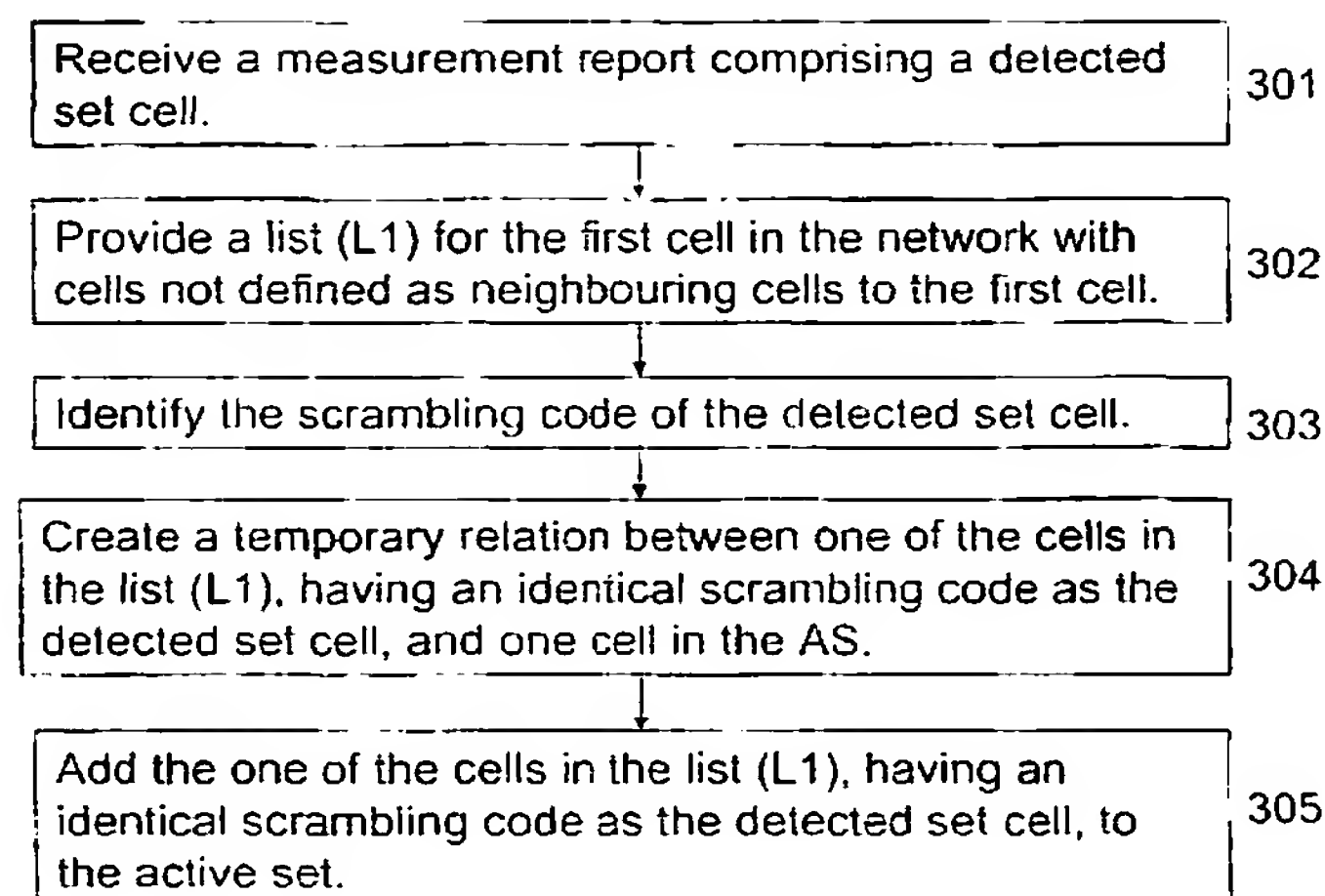
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(54) Title: METHOD AND ARRANGEMENT FOR HANDLING SOFT HANDOVER IN A MOBILE TELECOMMUNICATION SYSTEM



(57) Abstract: The present invention relates to a method and arrangements for including a detected set cell, i.e. a cell not identified by the network, in an active set, i.e. the set comprising the base stations simultaneously connected to the same mobile terminal in soft handover. The method comprises the steps of: -receiving a measurement report comprising a detected set cell from a mobile terminal located in a first cell; -providing (301) a list (L1) for the first cell in the network with cells not defined as neighbouring cells to the first cell, wherein the cells in the list (L1) are grouped based on their scrambling codes; -identifying (302) the scrambling code of the detected set cell; -creating (303) a temporary relation between one of the cells in the list (L1), having an identical scrambling code as the detected set cell, and one cell in the AS; -adding (304) the one of the cells in the list (L1), having an identical scrambling code as the detected set cell, to the active set.

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